



PATENT ABSTRACTS OF JAPAN

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WARIISHI YOSHINORI**(54) FUEL CELL STACK****(57) Abstract:**

PROBLEM TO BE SOLVED: To maintain almost equal clamp to a single unit cell and electric contact of constituent members while miniaturizing and reducing weight of a fuel cell stack.

SOLUTION: This fuel cell stack 50 is constituted by enclosing a cell stack 13 formed by laminating a plurality of single cells 12 in a case 54 comprising a bottom plate 80, a first side plate 82a, a second side plate 82b and a top plate 84, arranging end plates 52a, 52b at both open ends of the case 54, and connecting the case 54 with the end plates 52a, 52b with a hinge mechanism 106 constituted by engaging pins 104 into through-holes 75, 102 of tab parts 72a, 72b and 100-100c.

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